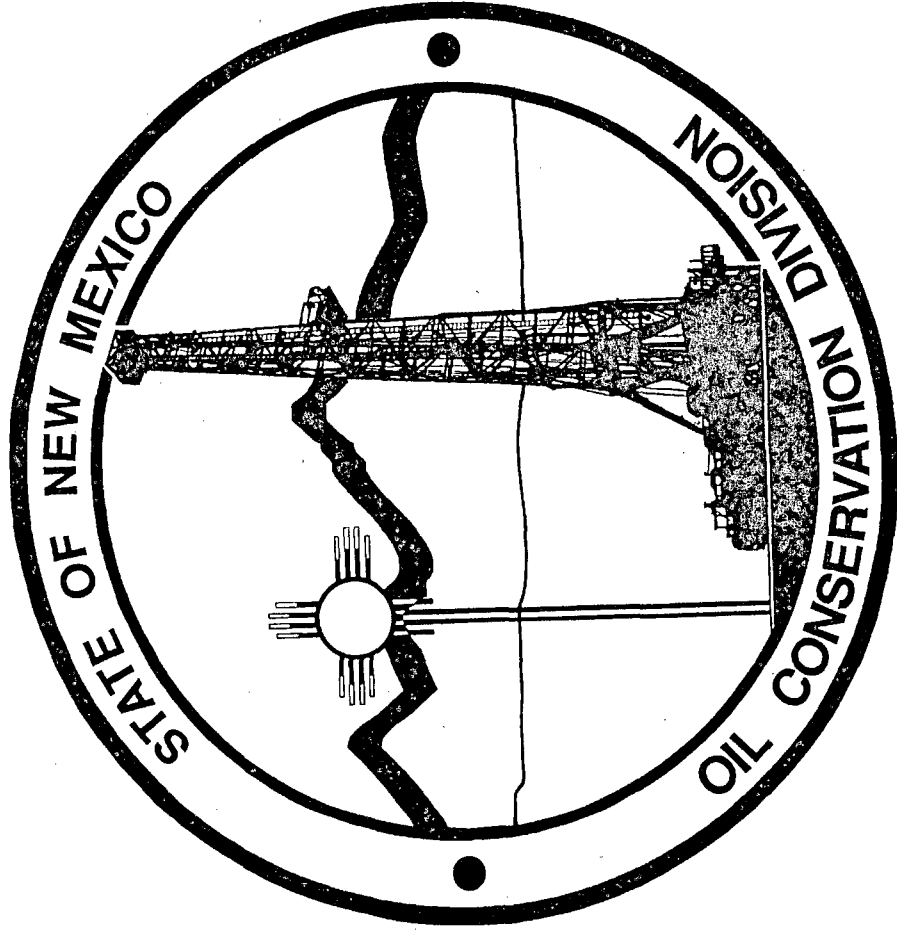
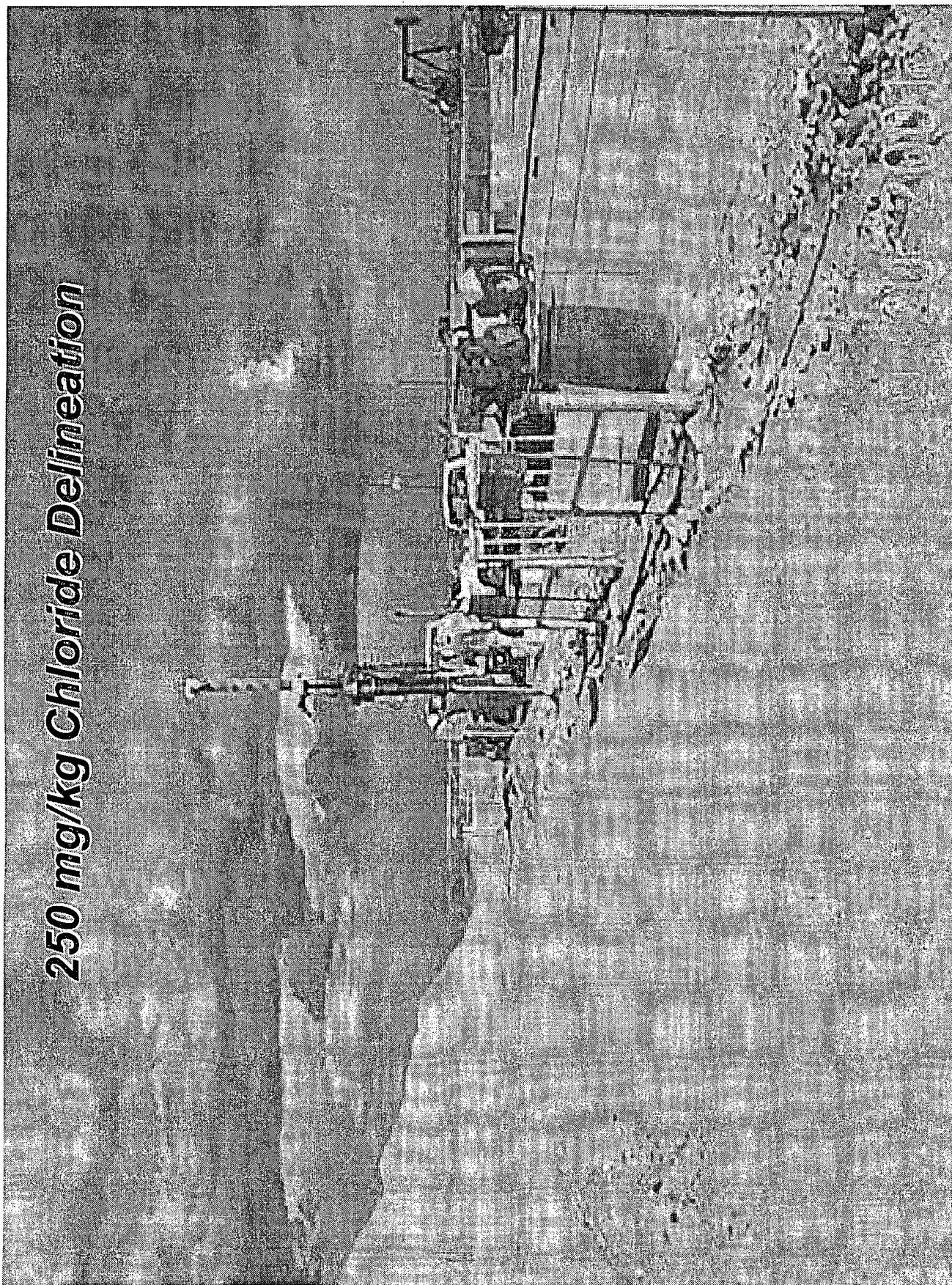


CASE NO. 14015
OCD EXHIBIT 10A



250 mg/kg Chloride Delineation

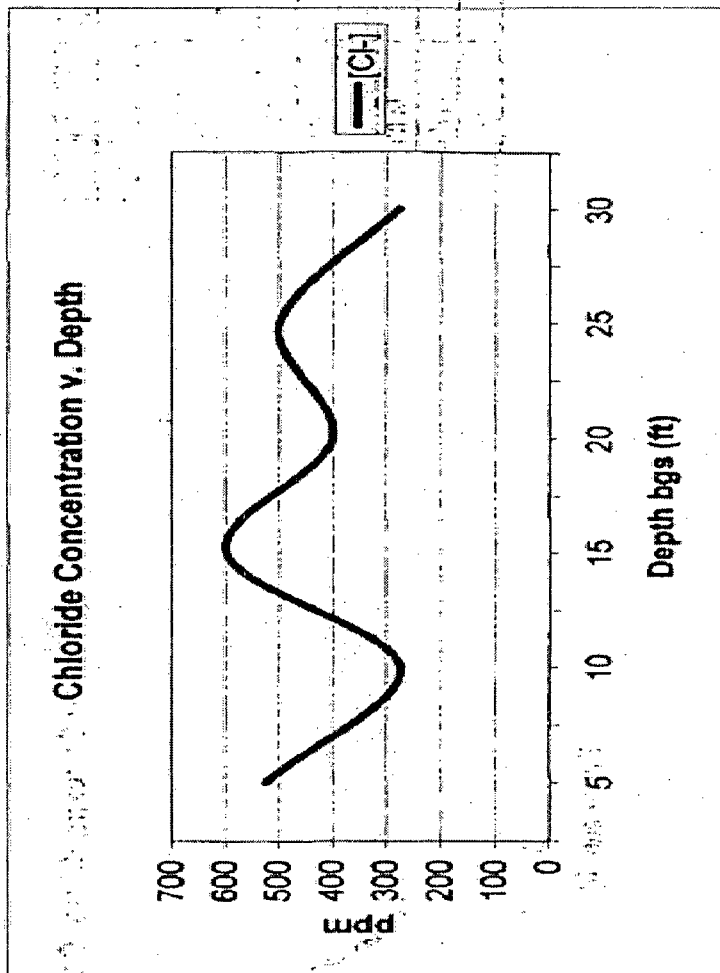


CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME P-6 Leak
T20S, R37E

Depth bgs (ft)	[Cl-] ppm
5	525
10	275
15	600
20	400
25	500
30	275



Chloride-Impacted groundwater encountered at 33 feet

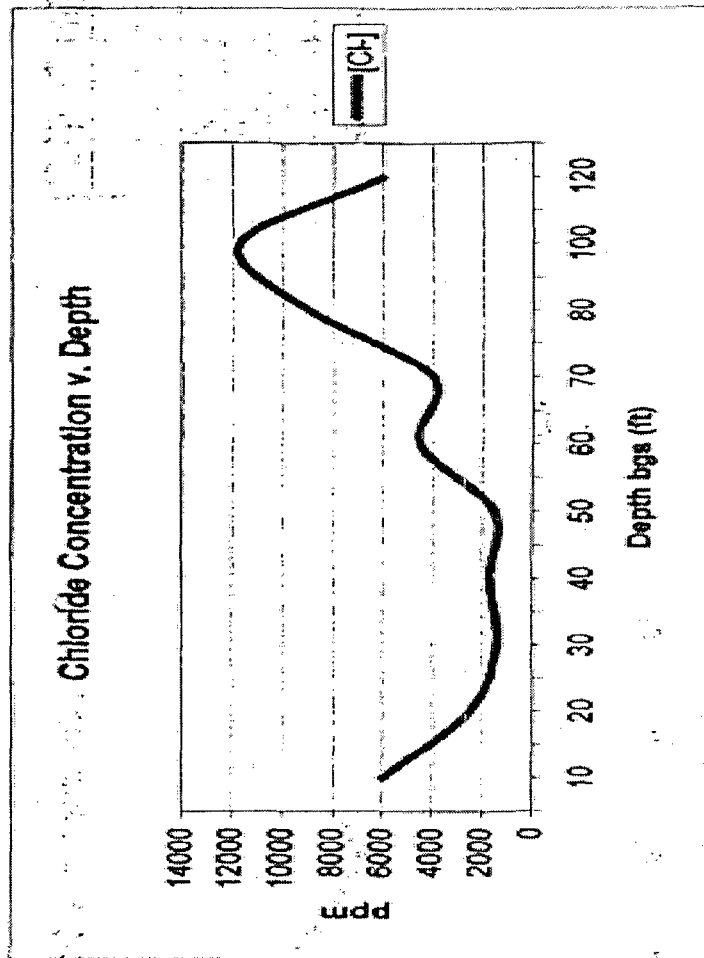
CHLORIDE CONCENTRATION CURVE

RICE Operating Company

Justis H-2 SWD MW

T26S, R37E

Depth bgs (ft)	[Cl ⁻] ppm
10	6000
20	2500
30	1400
40	1700
50	1500
60	4500
70	4000
80	9000
100	11700
120	6000



Chloride-impacted groundwater encountered at ~105 feet

CHLORIDE CONCENTRATION CURVE

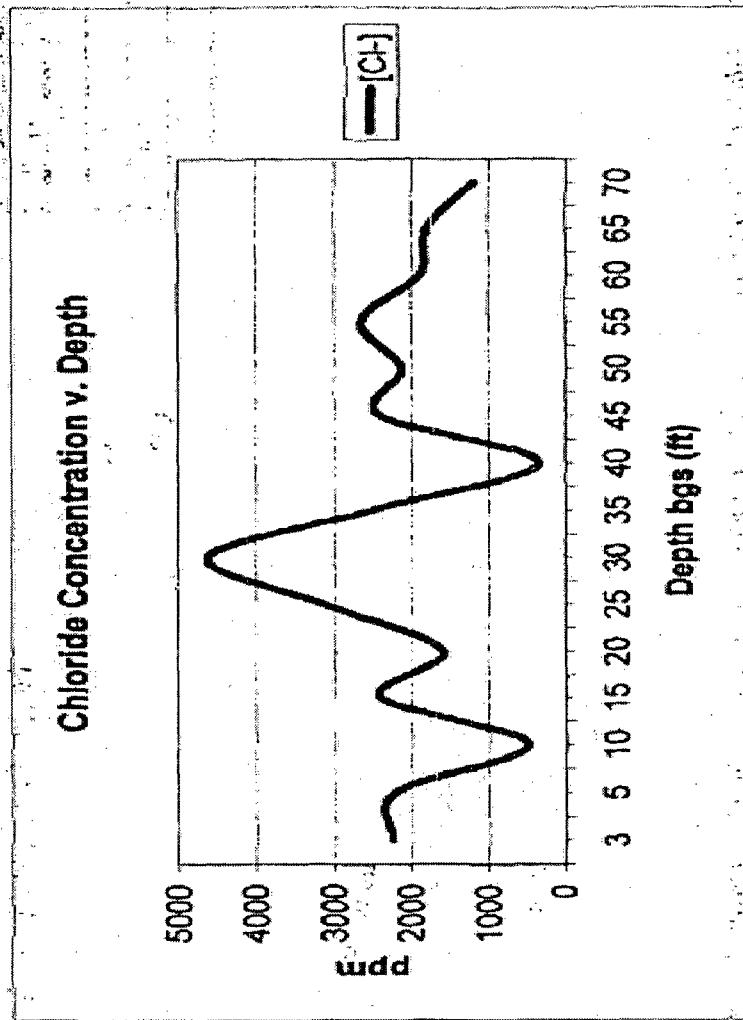
BD jct. F-17 MW
T21S, R37E

Depth bgs (ft)	[Cl-] ppm
3	2256
5	2212
10	492
15	2412
20	1597
25	3152
30	4628
35	2508
40	352
45	2420
50	2133
55	2665
60	1905
65	1800
70	1209

Disclosure
sites where

GW impact was
confirmed (MW's)

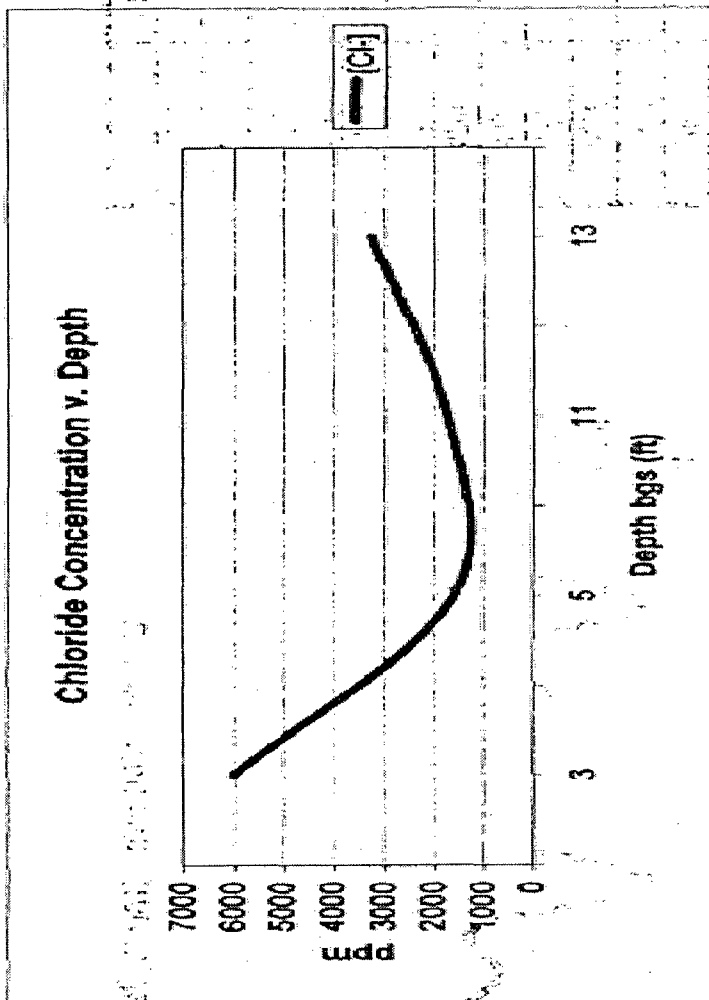
RICE Operating Company



Chloride-impacted groundwater encountered at 75 feet

BD Jet, F-17
T21S, R37E

Depth bgs (ft)	[Cl ⁻] ppm
3	6001
5	1591
11	1749
13	3273



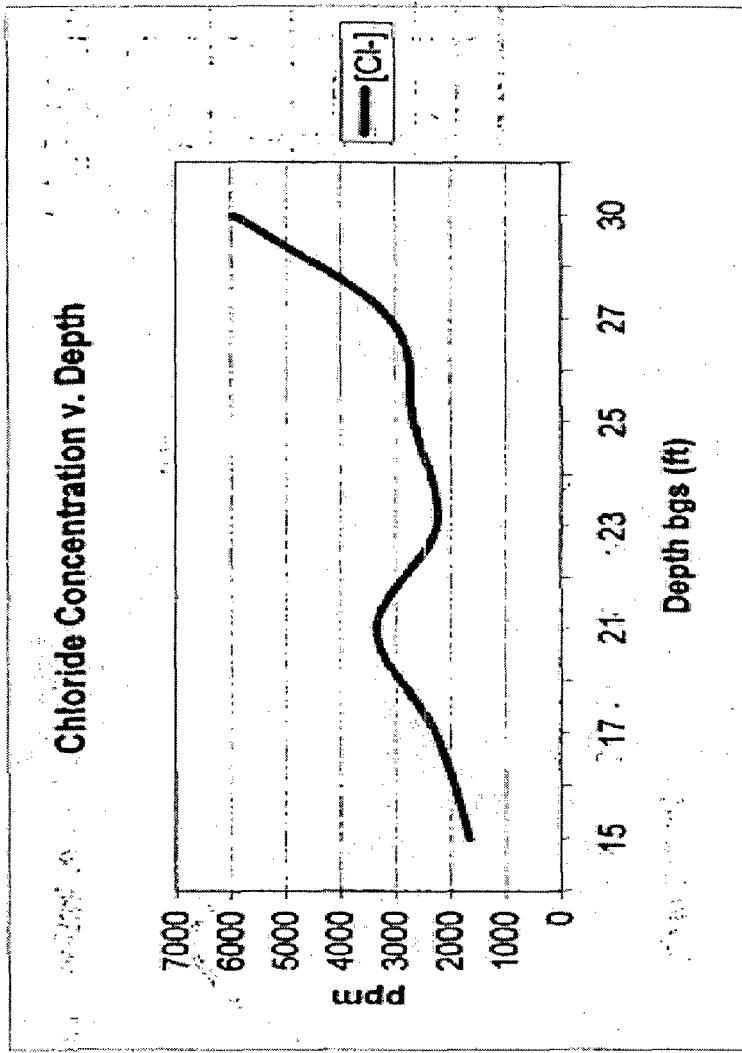
A soil bore was done at this location and the site was found to have chloride impact to groundwater

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD Jct. I-27
T21S, R37E

Depth bgs (ft)	[Cl-] ppm
15	1650
17	2270
21	3350
23	2250
25	2670
27	3100
30	5950



Chloride-impacted groundwater encountered at 45 feet

Delineation Conclusions

- Chlorides levels can cycle in the Vadose Zone
- False negatives are very common
- 250 mg/kg is a good conservative number and is based on numerous sampling events
- A higher chloride level standard may stop delineation prematurely and may prevent discovery of groundwater contamination